

AMENDMENTS TO THE SPECIFICATION:

At page 71, please delete Table 1 and replace it with the following Table:

Table 1

	Example 1 (A-1)	Example 2 (A-1)	Example 3 (A-1)	Example 4 (A-1) (A-2)	Example 5 (A-1)	Example 6 (A-1) (A-2)	Example 7 (A-1) (A-2)	Example 8 (A-1) (A-2)	Example 9 (A-1) (A-2)	Example 10 (A-1) (A-2)
Polyolefin graft polymer Sample name										
Polyolefin graft polymer (A): by weight)	100	100	100	100	100	100	100	100	100	100
Polyolefin (a-1)	EB-3	EB-3	EB-3	EB-3	EB-3	EB-3	PO-1	PO-2	PP-O	PP-O
Number average molecular weight (Mn); ($\times 10^4$)	4.5	4.5	4.5	4.5	4.5	4.5	2.75	4.4	3	3
Crystallinity of polyolefin: (%)	0	0	0	0	0	0	50	0	-	-
Unsaturated carboxylic acid (a-2)	MAH	MAH	MAH	MAH	MAH	MAH	MAH	MAH	MAH	MAH
Modifying amount (wt%)	0.25	0.25	0.25	0.5	0.25	0.25	0.25 0.5	0.5	1.1	1.1
Peroxide (wt%)	0.015	0.015	0.015	0.03	0.015	0.015	0.03	0.03	-	-
Amount of unsaturated carboxylic acid (a-2); (mmol)	2.25 2.55	2.25 2.55	2.25 2.55	5.10	2.25 2.55	2.25 2.55	5.10	5.10	11.22	11.22
Mn/(100*f/M)	1.15	1.15	1.15	2.30	1.15	1.15	1.40	2.24	3.37	3.37
Carbodiimide group containing compound (B); (parts by weight)	6.54	6.54	6.54	3.28	13	26	6.54	6.54	8.8	6.6
Sum of amount: (parts by weight)	106.54	106.54	106.54	103.28	113	126	106.54	106.54	108.8	106.6
(B)/(a-2); mol ratio	4.40 1.0	4.40 1.0	4.40 1.0	0.3	2.0	4.1	0.5	0.5	0.314	0.314
Content of polar group: (mmol/100g of (a-1))	24	24	24	12	47	94	24	24	32	24
After reaction										
Sample name of compatibilizer (C)	(C-1)	(C-1)	(C-2)	(C-3)	(C-4)	(C-5)	(C-6)	(C-7)	(C-8)	
Content of polar group in (C): (mmol/100g of (a-1))	21	21	21	7	44	91	18	18	28	20
Content of carbodiimide group in carbodiimide-based resin modifier (mmol/100g of (C))	20	20	20	6	39	72	17	17	26	19

At page 72, please delete Table 2 and replace it with the following Table:

Table 2

	Cmparative Example 1	Cmparative Example 2	Cmparative Example 3	Cmparative Example 4	Cmparative Example 5	Cmparative Example 6	Cmparative Example 7	Cmparative Example 8
Production process of carbodiimide-based resin modifier (C)	en bloc reaction	en bloc reaction	not produced					
Polyolefin graft polymer (A): by weight	(parts)	(parts)	(parts)	(parts)	(parts)	(parts)	(parts)	(parts)
Polyolefin (a-1)	100	100	100	100	100	100	100	100
Number average molecular weight (Mn): ($\times 10^4$)	4.5	4.5	4.5	4.5	4.5	4.5	2.6	2.6
Crystallinity of polyolefin: (%)	0	0	0	0	0	0	<u>48</u>	<u>48</u>
Unsaturated carboxylic acid (a-2)	MAH	MAH	MAH	MAH	MAH	MAH		
Modifying amount (wt%)	0.25	0.25	0.25	0.25	0.25	0.25		
Peroxide (wt%)	0.015	0.015	0.015	0.015	0.015	0.015		
Amount of unsaturated carboxylic acid (a-2): mmol	<u>-2.25</u> - <u>2.55</u>	<u>-2.25</u> - <u>2.55</u>						
Mn/(100 ^{1/2} M)	1.15	1.15						
Carbodiimide group containing compound (B): (parts by weight)	6.54	6.54						
Sum of amount: (parts by weight)	106.54	106.54						
(B)/(a-2): mol ratio	1.0	1.0						
Content of polar group: (mmol/100g of (a-1))	24	24						
After reaction								
Sample name of compatibilizer (C)	(C-9)	(C-10)	none	none	none	none	none	none
Content of polar group in (C): (mmol/100g of (a-1))	21	21						
Content of carbodiimide group in carbodiimide-based resin modifier (mmol/100g of (C))	20	20						

At page 74, please delete Table 4 and replace it with the following Table:

Table 4

	Cmparative Example 1	Cmparative Example 2	Cmparative Example 3	Cmparative Example 4	Cmparative Example 5	Cmparative Example 6	Cmparative Example 7	Cmparative Example 8
Production process of carbodiimide-based resin modifier (C)	successive reaction	successive reaction	successive reaction	en bloc reaction	en bloc reaction	en bloc reaction	en bloc reaction	en bloc reaction
Polyolefin graft polymer (A): (parts by weight)								
Polyolefin (a-1): (parts by weight)								
Unsaturated carboxylic acid (a-2):								
Peroxide (wt%)								
Carbodiimide containing compound (B): (parts by weight)								
Porous group containing compound (B): (parts by weight)	PET	waste PET	PET	PLA	PET	PET	PLA	PLA
(parts by weight)	60	80	60	80	60	60	50	50
Polyolefin polymer (E):	EB-4	PO-3	EB-4	EB-4	EB-4	EB-4	PP-2	PP-2
(parts by weight)	20	15	20	15	20	20	50	50
Polyolefin polymer (E):							SEBS	
(parts by weight)							10	
Filler							talc	
(parts by weight)								10
Porous polymer composition (F): (parts by weight)	100	100	100	100	100	100	100	120
Porous polymer composition (F):								
23°C IZOD property J/m)	609	436	698	187	*	*	15	25
-10°C IZOD property (J/m)		64		67	*	*		
-20°C IZOD property (J/m)	133		154		*	20,		
Evaluation of injection molded article of porous polymer composition	o	o	o	o	x	x	x	x

*: Production impossible

Please delete paragraph [0039] bridging pages 15 and 16 and replace it with the following paragraph:

[0039]

Further, in the invention, by controlling the number average molecular weight (Mn) of the polyolefin (A) having a group which reacts with a carbodiimide group and the content of the compound (a) having a group which reacts with a carbodiimide group, crosslinking does not occur in the production of the resin modifier (C), and further, a sufficient low temperature impact resistance-improving effect in the case of forming the polar group-containing polymer composition (F) using the resin modifier (C) can be obtained. That is, in the invention, it is preferable that the polyolefin (A) having a group which reacts with a carbodiimide group is satisfied with the following formula (1),

$$0.1 < \text{Mn}/(100*f/M) < 6 \quad (1)$$

wherein f is ~~an amount~~ the molecular weight (g/mol) of the compound (a) having a group which reacts with a carbodiimide group, M is a content (wt%) of residue of the compound (a) having a group which reacts with a carbodiimide group, and Mn is a number average molecular weight of the polyolefin (A).